

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

Structures of and Methods of Fabricating Trench-Gated MIS Devices

which (check) ☒ is attached hereto.
☐ and is amended by the Preliminary Amendment attached hereto.
☐ was filed on as Application Serial No.
☐ and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
N/A			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
N/A	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
N/A		

I hereby appoint the following practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Customer Number 24251



Please address all correspondence and telephone calls to:

David E. Steuber
SKJERVEN MORRILL MacPHERSON LLP
 25 Metro Drive, Suite 700
 San Jose, California 95110-1349

Telephone: 408-453-9200
 Facsimile: 408-453-7979

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Full name of sole (or first joint) inventor: Anup Bhalla

Inventor's Signature: Anup Bhalla

Date: 2/2/02

Residence: Santa Clara, CA

Post Office Address: 2322 Homestead Road, Apt. #1
 Santa Clara, CA 95050

Citizenship: Indian

Full name of sole (or second joint) inventor: Dorman Pitzer

Inventor's Signature: D. C. Pitzer

Date: 12-20-01

Residence: San Jose, CA 95135

Post Office Address: 8813 Wine Valley Circle
 San Jose, CA 95135

Citizenship: U.S. Citizen

Full name of sole (or third joint) inventor: Jacek Korec

Inventor's Signature: Jacek Korec

Date: 12/17/01

Residence: San Jose, CA 95120

Post Office Address: 6859 Almaden Road
 San Jose, CA 95120

Citizenship: ~~U.S. Citizen~~
 Polish, *J. Korec*
 12/14/01

Full name of sole (or fourth joint) inventor: Xiaorong Shi

Inventor's Signature: Xiaorong Shi

Date: 12/17/01

Residence: San Jose, CA 95123
Post Office Address: 167 Noyō Drive
San Jose, CA 95123

Citizenship: U.S. Citizen

Full name of sole (or fifth joint) inventor: Sik Lui

Inventor's Signature: Sik Lui

Date: 03/04/02

Residence: Sunnyvale, CA 94087

Post Office Address: 1475 Dartshire Circle
Sunnyvale, CA 94087

Citizenship: U.S. Citizen

804810 v1

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

<u>Anup Bhalla</u>	of	<u>2322 Homestead Road, Apt. #1, Santa Clara, CA 95050</u>
<u>Dorman Pitzer</u>	of	<u>8813 Wine Valley Circle, San Jose, CA 95135</u>
<u>Jacek Korec</u>	of	<u>6859 Almaden Road, San Jose, CA 95120</u>
<u>Xiaorong Shi</u>	of	<u>167 Noyo Drive, San Jose, CA 95123</u>
<u>Sik Lui</u>	of	<u>1475 Dartshire Circle, Sunnyvale, CA 94087</u>

hereby sell, assign and transfer to Siliconix, incorporated, a Delaware corporation, having a place of business at 2201 Laurelwood Road, Santa Clara, California 95054, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

STRUCTURES OF AND METHODS OF FABRICATING TRENCH-GATED MIS DEVICES

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 4 day of MARCH, 2002
Anup Bhalla
 Anup Bhalla

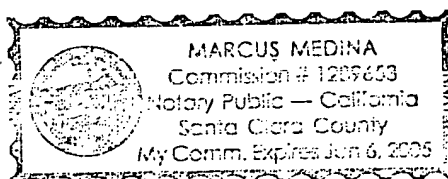
State of California

County of Santa Clara) ss.

On 4th of March 2002 before me, Marcus Medina
 personally appeared Anup Bhalla personally
 known to me or proved to me on the basis of satisfactory evidence to be the person ~~(s)~~ whose
 name ~~(s)~~ ~~(is/are)~~ subscribed to the within instrument and acknowledged to me that ~~(he/she/they)~~
 executed the same in ~~(his/her/their)~~ authorized capacity ~~(ies)~~, and that by ~~(his/her/their)~~
 signature ~~(s)~~ on the instrument the person ~~(s)~~, or the entity upon behalf of which the person ~~(s)~~
 acted, executed the instrument.

WITNESS my hand and official seal.

Marcus Medina
 SIGNATURE OF NOTARY



Executed this 20TH day of DECEMBER, 2001.

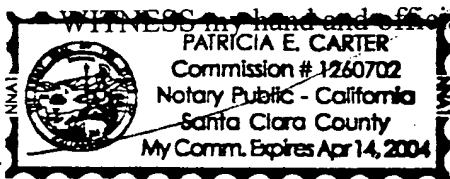
D. C. Pitzer
Dorman Pitzer

State of CALIFORNIA)

) ss.

County of SANTA CLARA)

On DECEMBER 20, 2001 before me, PATRICIA E. CARTER, NOTARY PUBLIC personally appeared DORMAN PITZER personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are) subscribed to the within instrument and acknowledged to me that (he/she/they) executed the same in (his/her/their) authorized capacity(ies), and that by (his/her/their) signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Patricia E. Carter
SIGNATURE OF NOTARY

Executed this 17TH day of DECEMBER, 2001.

Jacek Korec
Jacek Korec

State of CALIFORNIA)

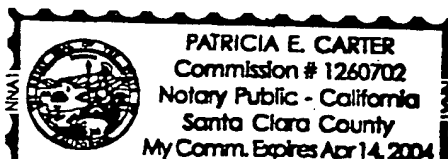
) ss.

County of SANTA CLARA)

On DECEMBER 17, 2001 before me, PATRICIA E. CARTER, NOTARY PUBLIC personally appeared JACEK KOREC personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are) subscribed to the within instrument and acknowledged to me that (he/she/they) executed the same in (his/her/their) authorized capacity(ies), and that by (his/her/their) signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia E. Carter
SIGNATURE OF NOTARY



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

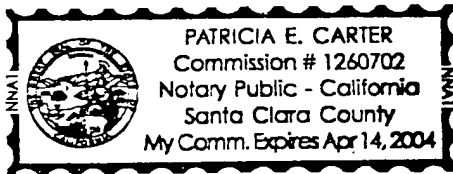
County of SANTA CLARA

SS.

On DECEMBER 20, 2001, before me, PATRICIA E. CARTER, NOTARY PUBLIC,
Date Name and Title of Officer (e.g., Jane Doe, Notary Public)

personally appeared DORMAN PITZER,
Name(s) of Signer(s)

- ☐ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia E. Carter
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: PATENT ASSIGNMENT # M819905

Document Date: NOVEMBER 19, 2001 Number of Pages: 2/2

Signer(s) Other Than Named Above: NO OTHER SIGNERS

Capacity(ies) Claimed by Signer

Signer's Name: DORMAN PITZER

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: SELF

RIGHT THUMBPRINT
OF SIGNER

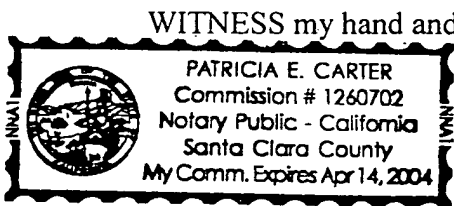
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Executed this 17TH day of DECEMBER, 2001.

Xiaorong Shi
Xiaorong Shi

State of CALIFORNIA)
County of SANTA CLARA) ss.

On DECEMBER 17, 2001 before me, PATRICIA E. CARTER, Notary Public,
personally appeared XIAORONG SHI personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) ~~is~~ ~~are~~ subscribed to the within instrument and acknowledged to me that he ~~she~~ ~~they~~
executed the same in his ~~her~~ ~~their~~ authorized capacity(ies), and that by his ~~her~~ ~~their~~
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.



Patricia E. Carter
SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Sik Lui

State of _____)
County of _____) ss.

On _____ before me, _____
personally appeared _____ personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

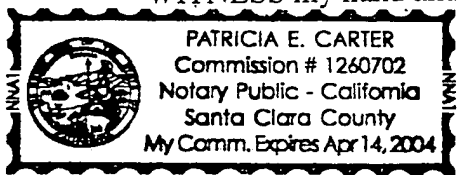
Executed this 17TH day of DECEMBER, 2001.

Xiaorong Shi
Xiaorong Shi

State of CALIFORNIA)
) ss.
County of SANTA CLARA)

On DECEMBER 17, 2001 before me, PATRICIA E. CARTER, Notary Public,
personally appeared XIAORONG SHI personally
~~known to me~~ or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that he ~~she~~ they
executed the same in his ~~her~~ their authorized capacity(ies), and that by his ~~her~~ their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Patricia E. Carter
SIGNATURE OF NOTARY

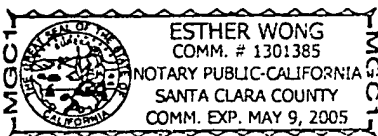
Executed this 4 day of March, ~~2001~~ 2002

Sik Lui
Sik Lui

State of CALIFORNIA)
) ss.
County of SANTA CLARA)

On MARCH 4, 2002 before me, ESTHER WONG, Notary Public,
personally appeared Sik Lui personally
~~known to me~~ or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that he ~~she~~ they
executed the same in his ~~her~~ their authorized capacity(ies), and that by his ~~her~~ their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Esther Wong
SIGNATURE OF NOTARY

Attorney Docket No.: **VISH-8199.DIV**

Inventor(s): Anup Bhalla, Dorman Pitzer, Jacek Korek, Xiaorong Shi and
Sik Lui

Title: STRUCTURES OF AND METHODS OF FABRICATING TRENCH-GATED MIS DEVICES

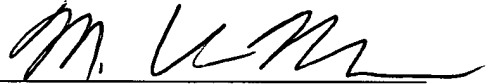
**REQUEST AND CERTIFICATION
UNDER 35 U.S.C. 122(b)(2)(B)(i)**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Date:

September 22, 2003

By:



Mehlin Dean Matthews
Reg. No. 46,127

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**